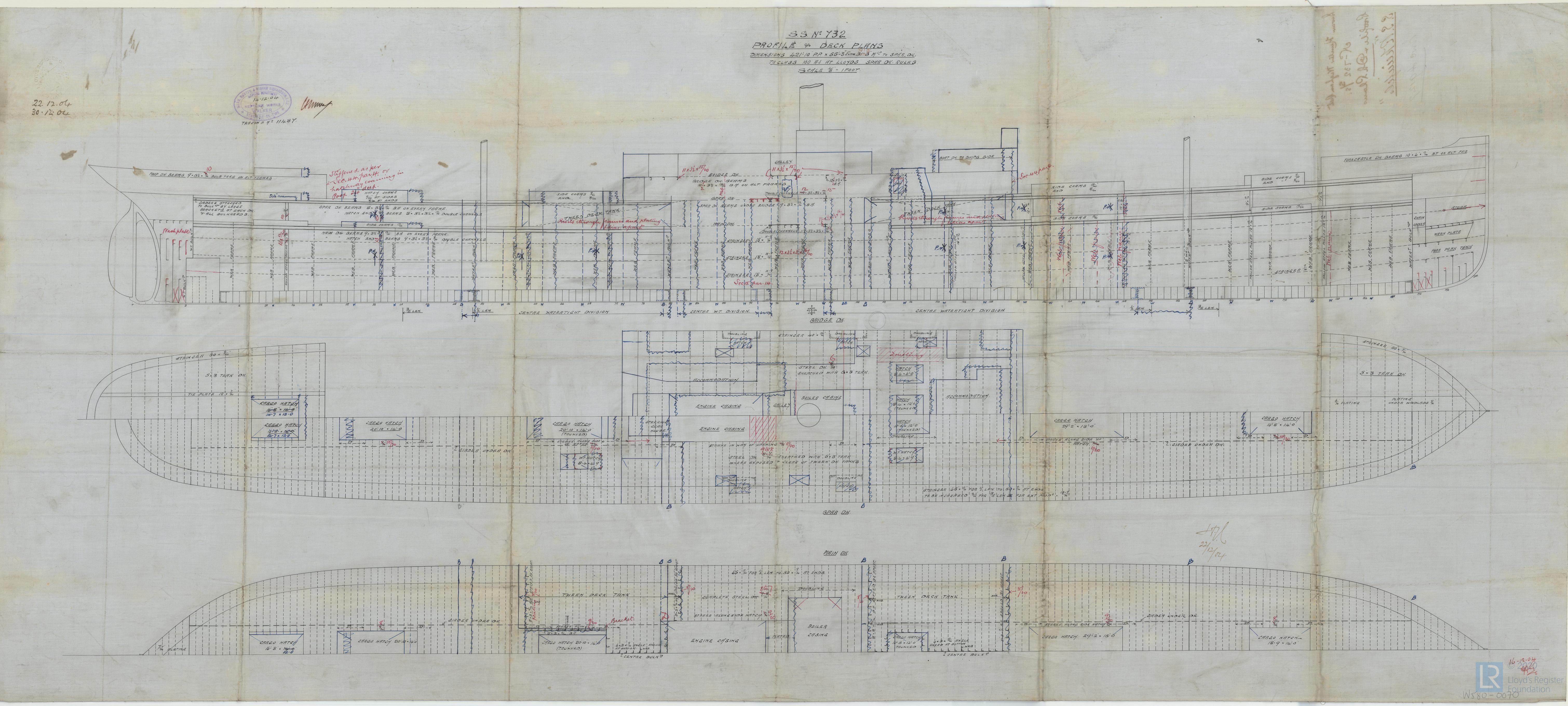


Swan Hunter Wigham Pich ex-732 %s. Profile + Dh Plans S. S. Rheinfels hwe 49127



Swam Munter Wigham Rich?

N° 732 48.

Midship Section

S.S. Rheiufels

And A9127

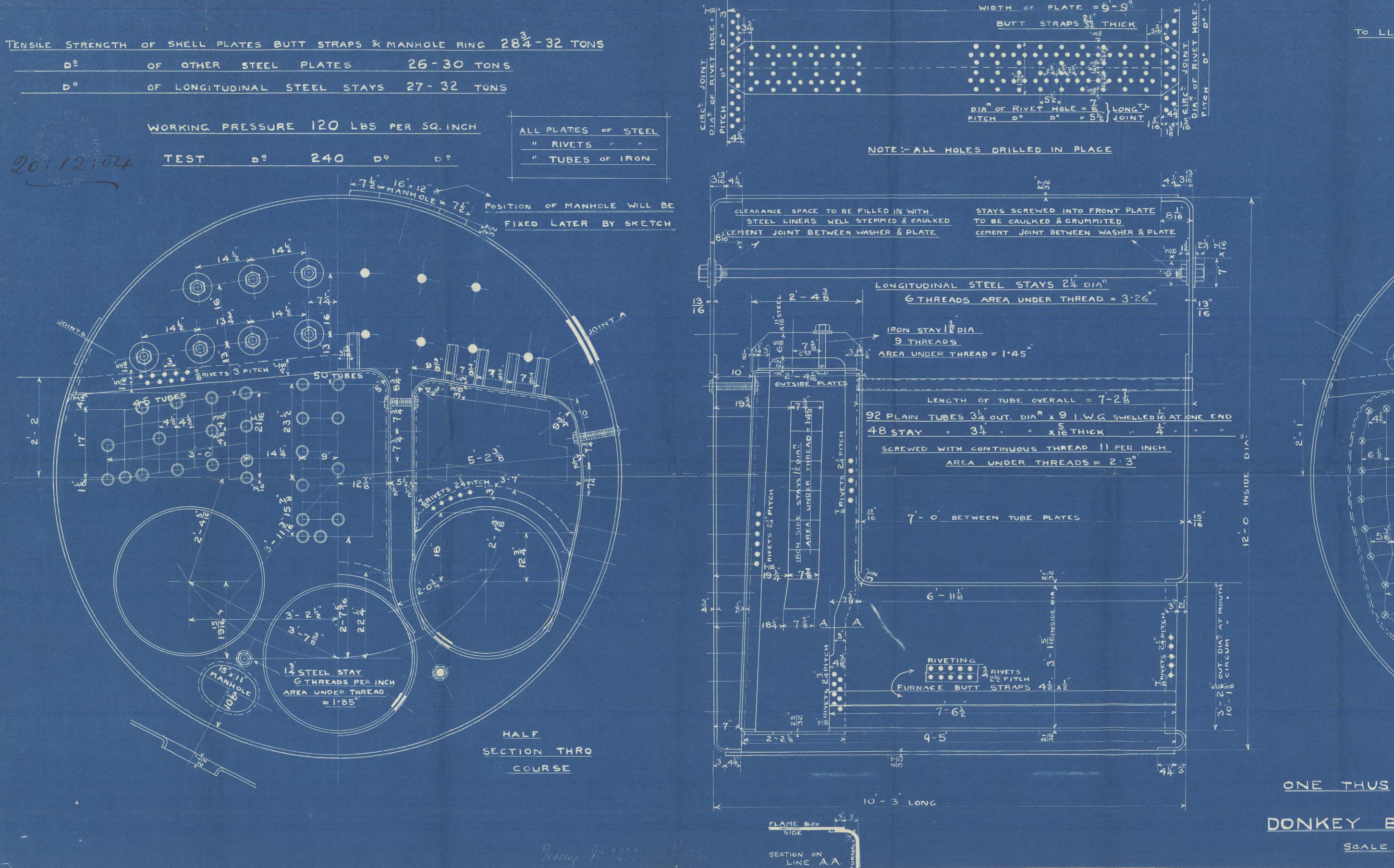
10 2020 Hovd's Registe Four \$80,0007

-Nº732-NUMERALS. to assumed height of " 22.12.04 24.20 24.45 24.37 - 1-11 MIDSHIP SECTIO 27.50 27.50 27.50-1/2 BREADTH 47.58 47.83 47.68 1/2 GIRTH. SCALE /2 = I FOOT DIMENSIONS. 421-10 P.P. × 55-3 EXT. × 31-3 MLO Ø. TO SPAR DE 41949 LENGTH AS PER RULE. 419 92 TO CLASS 100 A.I. LLOYDS. SPAR DECK RULE. 41900 41689. 2mg No 41781. APPROXIMATE UNDER DECK TONHAGE . = . 5335. THREE DECK RULE Nº 45636. EQUIPMENT Nº = 51522 PROPORTIONS. BRIDGE DECK STRINGER 40 x 20 DECKHOUSE STEEL DECK \$0.6/20 BUTTS LAPPED & TREBLE RIVETED. BEPTHS TO LENGTH TO SPAR DECK = 12.99 COAMING-BUTTS SINGLE RIVETED 32 13 18/20 " MAIN " = 17.35. 17.40 32 × 3/2 × 10/20 = 7.63. BREADTHS " " KNEES4-OAPART UNDER 54 POOP BRIDGE FORECASTLE SINGLE 5×5×10/20. 5 RIVETS EACH WAY. 40 x 10/20 30 x 30. STRINGER PLATE 3 x 3 x 720 20 BUTTS TREBLE RIVETED ON ALTERNATE FRAMES 9 × 52 × 9/20 10 x 6 x 1/20 BEAM KHEES 24 BEAMS PILLARS 24 @ 4-2 TIMES DEPTH OF BEAM. SIDE PLATING CLEAR OF CASING 23 PILLARS SPAR CEILING 8x2. STEEL DE 3 COVER SPAR DE STRINGER 65 X 1/20 FOR 1/2 L. 5 x 3 TEAK EXPOSED 454 DOUBLE AT BRIDGE WOOD DECK. 5×3 TEAK 5×3 TEAK TO 50 × %20 AT ENDS. € 7×5×7/20. TO BEINCREASED % FOR \$ L BUTTS OVERLAPPED + DOUBLE 20. BUTTS TREBLE RIVETED. RIVETED FOR 12.L. SINGLE ATENDS BUTTS OVERLAPPED & QUAD SHEATHED WITH 5x3" TEAK RIVETED FOR 12 L. TREBLE ATEMOS. WHERE EXPOSED + CLEAR OF 32 × 3 × /20 Giran at 29 154. DOUBLE AT BRIDGE 4×4×9-8 5×5×10 SHEERSTRAKE 44× 14-11 INCREASED 2/20 IN WAY OF BRIDGE = 20. hlate 20 GIRDER PLATE 9/20. EQUIPMENT Nº = 51522. 6/20 FOR 4 L CLEAR OF BRIDGE = 20/20. GUSSET 9/20. MOUT BUTTS OVERLAPPED & QUAD RIVETED 32 \* 32 \* 9/20. 2 BOWER ANCHORS STOCKLESSEACH 643 CWTS. FOR 3/4 L. TREBLE AT ENDS. 8 x 32 x 20 B.A. ON EVERY FRAME KHEES 234 TIMES DOUBLING FULL WIDTH FOR 24 HATCH END BEAMS. 8 × 32 × 32 × 20 DOUBLE CHANNEL. DEPTH OF BEAM. AT ENDS OF BRIDGE. I STREAM ANCHOR EX STOCK = 19 BEAMS UNDER BRIDGE. 9 x 3 2 x 12/20. B.A. I KEDGE " " = SPAR CEILING 8x2. 270 FATHOMS 25/16 STUD CHAIN CABLE HOLLOW STEEL PILLARS. 12 89 DIA . 20 5" STEEL WIRE WEB FRAMES TO SPAR DE " TOWLINE .V IN WAY OF E+B. SPACE. SPACED AS PER PROFILE FOR EXTREME PROPORTIONS. 2 OF 8" HAWSER BUTTS OVERLAPPED & QUADE 2 OF 7" WARP. RIVETED FOR 1/2L. TREBLE AT EMDS ... MAIN DE STRINGER 65 20 FOR 2L BUTTS OVERLAPPED + DOUBLE 3 COVERS. RIVETED FOR YZL. SINGLE AT ENDS. TO 50 x 9/20 AT EHDS. N 32 x 32 x 20 32 x 32 x 20 BUTTS OVERLAPPED+ TREBLE 1-7×5×20. RIVETED ALL FORE + ART. CAMBER 132 GIRDER PLATE 19/20 CUSSET 9/20 V 10 x 32 x 1/20 in may of Tween deer tanks DOUBLE CHANNELS 12+×32×32×14/20. 9 × 3 2 × 12/20 B.A. ON EVERY FRAME K. OUT. 13.10 + 2/20 anteide bridge = 20 HATCH END BEAMS 9x32x32x 920 DOUBLE CHANNEL. 32×32×20. KNEES 3 TIMES 20 PLATE FULL LENGTH DEPTH OF BEAM. OF MAIN HATCH and at 29 H spans all fearner faggled in ship except the bulkhead bars WEB FRAMES. 18 20. BUTTS OF SHELL PLATING WHICH EXCEED RULE LIMIT SPACED G FRAME SPACES APART SINGLE FACE BAR 62 × 4/2 × 1/20 11 WEB STRINGE 2018 × 100 11010 IN WIDTH TO BE QUADERIVETED BULKHEADS. FRAMES SPACED 25 APART. FOR 1/2 LENGTH AMIDSHIPS. UPPER HALF PLATING TO SINGLE FACE BAR 62x 42x 3/20 7 × 3/2 × 13-12 BULB ANGLES. JOGGLED. LOWER " " %20 / HALF DIA MOND PLATE 45x12x120 BOTTOM FRAMES IN TANK 32 x 32 x 1920 JOGGLED. VERTICAL STIFFENERS 9x3x10/20.BA. ANGLE TO SHELL 7x31x 20. REVERSES INTANK 32 x 32 x 920 SPACED 30 APART & KNEED TOTIT. JIN 13.10 BOTTOM FRAMES DOUBLED FROM NO HORIZONTAL STIFFENERS. 3/5 L. FORWARD TO COLLISION BULKH SEMI-BOX BEAMS ASPER RULE DOUBLE FRAMES AT WEBS TO HEIGHT. CONNECTION TO SHELL. 6 x 6 x 20 OF 200 STRINGER 32x 32x 9/20. " TANK TOP+ DECKS. Gx 6x 20 KNEE BETWEEN WEB FRAMES WHERE OVER STERM POST 1/2 × 72 STEEL CASTING. TANK TOP IN HOLDS 4 SPACES APART. 15"x8/20 112 + 3/8 " " ENGINE ROOM 10/20 42 × 32 × 20. 102 DIA FORGING. " " BOILER " RUDDER HEAD H OUT 13-10 PINTLES BUTTS OVERLAPPED + DOUBLE SINGLE PLATE RIVETED ALL FORE + AFT. FLOOR PLATES IN HOLDS SPAR CEILING 8x2-" " ENGINE ROOM %20 " " BOILER " HOLLOW STEEL PILLARS . ... INTERCOSTALS IN HOLDS 15 + 12 DIA x 12/20. SPACED AS "ENGINE ROOM PER PROFILE. " BOILER " MARGIN PLATE 37 x /20 IN BOILER ROOM 12/20 MIDDLE LINE STRAKE 45 × 20 BUTTS TREBLE RIVETED FOR 2L IN BOILER ROOM 12/20. DOUBLE AT ENDS. BUTTS LAPPED + DOUBLE V RIVETED ALL FOREY AFT. GUSSETS ON EVERY 300 FRAME. DOUBLE FOR 12.L. 4×4×20 CEILING 22 3/2x 3/2x"/20 IN BOILER ROOM 5x5x 14/20 SINGLE UNDER BOILER BEARERS CENTRE GIRDER 45 x 20. HENGINE ROOM 32 × 32 × 9/20 IN BOILER ROOM 12/20. HENGINE ROOM BUTTS OVERLAPPED + 21 x 15 21 x 15 21 × 15 BILGE KEEL FOR 3 L. X. 21 × 15 21 × 15 TREBLE RIVETED ALL FOREY AFT. TIE BAR 6 × 4 × 5/8 BULB 12 x 10/20. 42 × 42 × 20 32 x 32 x 20. 32 x 32 x 20 3/2 × 3/2 × 10-9/20 4 × 4 × 20 16 - 7/8 rivets intach Hange with panheads and free Knobbled points B. IN + OUT. FLAT PLATE KEEL 36 × 20 INGREASED TO 68 x 20. FOR 3/5 L TO 14/20 ATENDS. SLAB. 10 × 22 BUTTO OVERLAPPED + QUADLE IN LIEU OF KEEL DOUBLING. Druble buttetraps. ALL SHELL PLATING WITHIN RANGE OF DOUBLE BOTTOM scarphed at butts EXCEPT KEEL & GARBOARD. WHERE YOO OR ABOVE INTHICKNESS. SEE LETTER 31-12-04. TO BE REDUCED Y20. C+D STRAKES TO HAVE THEIR MIDSHIPTHICKHESS MAINTAINED FORWARD TO COLLISION BULKHEAD. MANHOLES IN INTERCOSTAL GIRDERS IN EVERY SPACE. © 2020

new castle on Lyne Swan Hunter & W Richard 732 Main boiler SS S. Rheinfels" Newcastle Report Nº 49127 no 1005 Cloy to Lest 426 ll. H- C.D 30-5-05 Lloyd's Registe Ws80-006 Boundation

OUTER BUTT STRAPS 14 THICK 20112104 TOTAL HEATING SURFACE 3 BOILERS = " GRATE AREA BARS 3 BLRS = ALL PLATES OF STEEL TO GERMAN BOARD OF POLICE " RIVETS " " TENSILE STRENGTH OF SHELL PLATES BUTTS AND MANHOLE RING 284 - 32 TONS DIA. OF RIVETHOLES = DIA OF RIVET HOLES = " TUBES " IRON AND LLOYDS REQUIREMENTS 26 - 30 " " OTHER " WIDTH OF PLATE = 11-6" WORKING PRESSURE 213 LBS PER SQ.IN. ALLHOLES TO BE DRILLED IN PLACE " LONGITUDINAL STEEL STAYS TEST " 426 " " " POSITION OF MANHOLE TO BE CAULKED AND GRUMMITED CEMENT JOINT BETWEEN WASHER AND PLATE STEAM SPACE STAYS 28 DIA (STEEL) SWELLED & AT BACK END AND SCREWED INTO FRONT AND BACK END PLATES WITH CONTINUOUS THREAD GOER INCH. NETT AREA = 5.5600 NETT AREA = 2.030" LENGTH OF TUBES = PLAIN TUBES 22 OUT. DIA 8. I.W. & SWELLED IG AT FRONT END STAY 11 2/2 " 176 THICK 11 4" 11 11 SCREWED WITH CONTINUOUS THREAD | | PER INCH NETT AREA (TO THICK) 1.7 " (3/8 " ) 2.08" 6-32 RAD 8- O BETWEEN TUBE PLATES 6-0 MORISON'S FURNACES STEEL STAY 2 Z DIA GTHREADS TO BE AS CLOSE TO MANHOL AS POSSIBLE SWAN, HUNTER, & WIGHAM RICHARDSON, LTD 3 OFF THUS! ENGINE WORKS DEPARTMENT OTTOM FOR ABOUT 12'-0" TO BE RIVETE 12-0 LONG NEPTUNE WORKS, WALKER. MAIN BOILERS Nº 732 SCALE:- 1"= ONE FOOT. NEWCASTLE-ON-TYNE DATE 14/12/04

New Cashle on Lyne Swan Hunter & W Richardra 132 Dowley Boile SSIS Rheinfels" Newcastle Report Mº 49127 he jood Clark Test 240 lb H-G-D 30-5-05 Ws80-006-pundation



TO LLOYDS & GERMAN BOARD OF

POLICE REQUIREMENTS

BACK SCREW STAYS MARKED

THUS & 15 DIA. AREA UNDER THREAD

= 1.73 THE REMAINDER TO

BE 12 DIA AREA UNDER THREAD 1.45

ALL OF IRON & SCREWED

9 THREADS PER INCH

DONKEY BOILER Nº 732

SCALE 1 = 1 FOOT

Dec: 1904
Lloyd's Registe
Foundation

Swan Hunter Wigham Prehm et? 732 45. Cast Steel Stein



Lloyd's Register
Ws80-Folkmdation

Nº 732. CAST STEEL STEM PIECE. SCALE 3/4 - IFOOT TO BE DRILLED. SECTION AT SECTION AT SECTION AT 192 194 196. XII 1/4 SECTION AT SECTION AT SECTION AT 195 AFT END 1-9 2-1 2-1 HOLES DRILLED IN CENTRE
WEB TOTA DIA SPACED
AS SHEWN. TO WEB TO TAKE CENTRE PLATE HOLES 1 TO DIA SPACED 5 % APART
DRILLED AS PER PLAN YZ CHECK 2-6 24/20 CHECK 193 BASE. BASE 194 195, 196 NOTE: SHAPE OF STEM PIECE ASPER TEMPLATE. PORT. 3 % 5/8 POINT x 1/8 WEB CENTRE LINE CENTRE LINE. 5/8 CHECK STAR S.